

CAREER PROFILE

ELECTRICAL ENGINEER

Name: Chad Binsfeld
Employer: K+S Potash Canada
Education: BSc. Electrical Engineering



DETAILS OF THE JOB: An Electrical Engineer is involved in every phase of design, construction, commissioning and operation of electrical equipment. They are expected to thoroughly review electrical designs, and the implementation of those designs in the field. An Electrical Engineer participates on the teams which initially energize the equipment after commissioning, and then assists with troubleshooting the equipment down the road. This means interactions with other professionals, supervisors, and especially trades people to gather feedback on the initial design concepts. "It is always great to be involved in the complete lifecycle of equipment, as the designs go from paper to construction, to operation. This is the best part of my job", says Chad.

A TYPICAL DAY: "My typical day involves a lot of time management, because there is always more work than time. As professionals we control our own day-to-day task scheduling."

SKILLS NEEDED:

- Communication skills, attention to details
- Critical thinking, and complex problem solving skills
- Math skills

COMMENT: After his graduation from high school, Chad knew he wanted to stay in Saskatchewan. "I knew I should look for a career in mining and natural resources. I was accepted into the Engineering program at the University of Saskatchewan and after my first year it was clear that Electrical Engineering was the best choice for me. I completed my Bachelor of Science degree in electrical engineering and entered directly into the potash mining industry, where I have enjoyed many challenges and exciting opportunities ever since", recounts Chad.

WHERE CAN I GO TO GET AN EDUCATION? U. of Regina, U. of Saskatchewan

HELPFUL HIGH SCHOOL COURSES: Physical Science 20, Physics 30, Mathematics 30, Calculus 30, English Language Arts 30

NOC: 2133

www.acareermining.ca